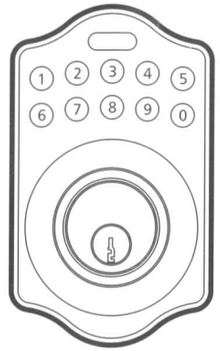
LOCKSTATE®

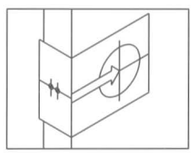
KEYPAD

ELECTRONIC DEADBOLT LOCK



USER MANUAL

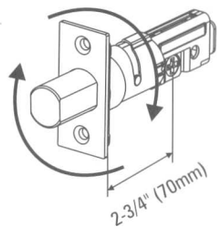
KEYPAD ELECTRONIC DEADBOLT INSTALLATION INSTRUCTIONS



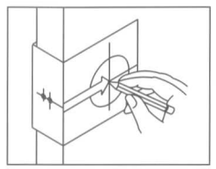
The BACKSET is the distance between the center of cross bore and edge bore of the door.
Adjustable latch fits both BACKSET of 2-3/8" (60mm) and 2-3/4" (70mm). Please follow the steps shown below for BACKSET adjustment.

Latch Backset Adjustment :

Rotate the latch case as diagram on the right for backset 2-3/4" (70mm) or reverse direction for 2-3/8" (60mm).

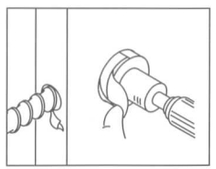


1. Mark The Door With Template



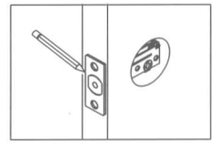
Select the height and backset as desired on the door face ; use the TEMPLATE as an indication to mark the center of the circle on the door face and the center of the door edge.

2. Drill Holes

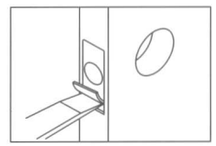


Using the marks as a guide to drill a hole 2-1/8" (54mm) through the door face for the lockset, then a hole of 1" (25.4mm) for latch.

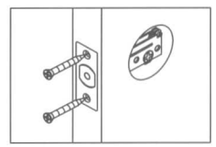
3. Install Latch



a. Insert the latch and ensure it is parallell to the door face.
Mark the outline of the faceplate, then take out the latch.

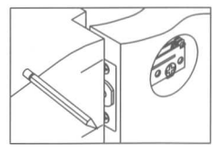


b. Chisel 1/8" (3mm) deep along the outline to allow the faceplate to be aligned with the door edge.

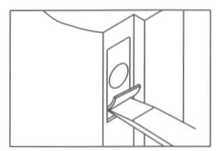


c. Insert the latch and tighten it with screws.
Note : please use tapping screws for metal door.

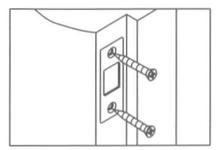
4. Install Strike



a. To identify the center of strike :
close the door, on the basis of the faceplate mark horizontal center line of strike.
Ensure the center of faceplate and the center of strike are aligned.
Use the mark as a guide outlines the strike.



b. Chisel 5/64" (2mm) deep along the strike outline to allow the strike to be aligned with the doorframe.



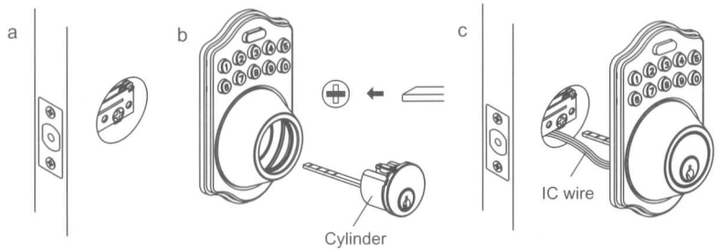
c. Insert the strike and tighten it with screws.
Note : please use "tapping screws" for metal door.

5. Install Keypad Assembly

a. Ensure that the latch bolt is retracted.

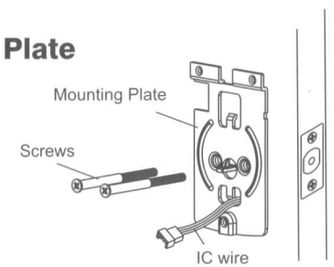
b. Please refer to the diagram below for Cylinder Installation. Place deadbolt against keypad with tailpiece in horizontal position inserted through hub of the latch.

c. Pass the IC wire under the latch to the interior side of the door.



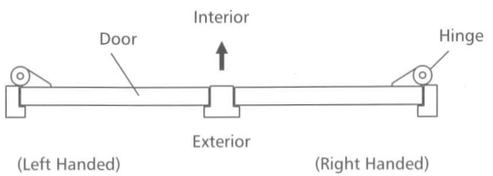
6. Install Inside Mounting Plate

Pass the IC wire through the wire hole of the mounting plate.
Fix the mounting plate with screws.
If outside lock assembly is lopsided, please loosen the screws to adjust it's position and tighten the screws again.



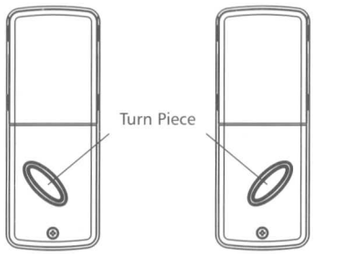
7. Identify Door Handing

Face the door from outside, the door is left handed if the hinge is on the left-hand side of the door, whereas the door is right handed if the hinge is on the right-hand side of the door.



8. Adjusting Turn Piece

Turn the turn piece to the left 45 degrees when it's a right-handed door.
Turn the turn piece to the right 45 degrees when it's a left handed door.

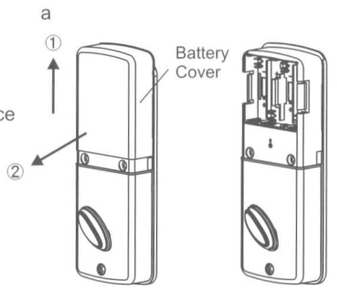


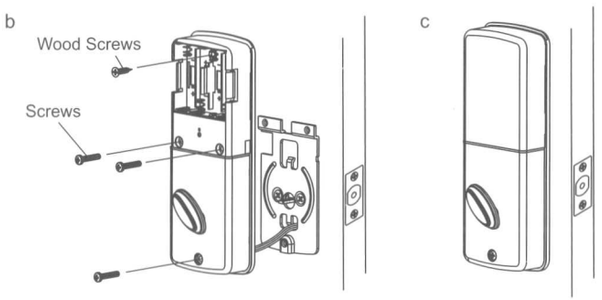
9. Install Receiver Module

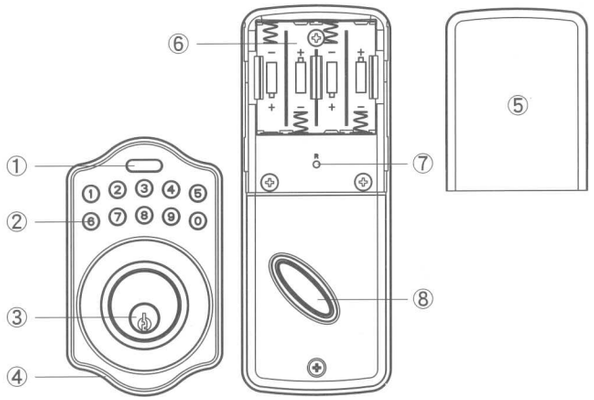
a. Remove the battery cover (push it up and pull it out).

b. Connect the IC wire and ensure the tailpiece is engaged with the turn piece, then attach receiver module to the door with screws. It's optional to use wood screws. (Wood screws only for wood door)

c. Insert 4 (AA) 1.5V alkaline batteries and put the battery cover back on the receiver module.







① Programming Button/Enter Button

The Programming/Enter Button is utilized for unlocking the door after entering user codes, clearing errors and programming the lock. It's also a lock button.

② Number Buttons

Enter User Codes (4-10 digits in length) and program the lock via the number buttons.

③ Cylinder

Lock or unlock the latch bolt by key from exterior.

④ Washer

Protects the lock from water damage.

⑤ Battery Lid

Slide the lid to change the batteries or access reset button.

⑥ Battery Holder

Uses Four AA (1.5V) Alkaline batteries.

⑦ R Button (Reset)

Restore default setting.

⑧ Turn-Piece

Retract/Extend the latch bolt from door.

■ Specification/Function

1.Batteries

Four AA (1.5) Alkaline batteries required.

2.Low Battery

2-1 The batteries should be changed immediately once you see the LED flash red and hear constant beeps for about 10 seconds after pressing the programming/enter "LockState" button.

2-2 All settings are retained in the memory and will not be affected even if the battery is completely dead.

2-3 The lock can still be operated by the key override even if there is no battery power.

3.LED Indicator

3-1 LED flashes green once to indicate successful User Code.

3-2 LED flashes green twice after successful programming.

3-3 LED flashes red 3 times when there is an operation error.

3-4 LED flashes red 5 times after incorrect User Codes have been entered 5 times in a row (Refer to 17).

3-5 LED flashes orange 3 times when system has been restored to default setting.

3-6 LED flashes orange slowly while in programming mode.

4.Audio Indicator

4-1 1 beep sound indicates a successful operation.

4-2 2 long beeps indicate a successful programming

4-3 3 beeps indicate an operation error.

4-4 3 long beeps indicate that system has been restored to default setting.

4-5 5 beeps indicates lockout mode after 5 incorrect User Code Entries. Operation will stop for 45 seconds. (Refer to 17)

4-6 10 rapid beeps indicate the battery power is low.

5.Programming Code

5-1 The preset Programming Code is 0000. Please create your own personal code when first programming.

5-2 Only one Programming Code is allowed.

5-3 Programming Code is only for programming the lock. You can't unlock the door by entering the Programming Code.

5-4 Programming Code must be 4-10 digits in length.

5-5 Programming code can be changed anytime if needed.

6.User Code

6-1 The preset User Code is 1234. Please delete it and create your personal User Code when first setting up the lock.
6-2 Up to 6 sets of User Codes can be saved.
6-3 User Code is only for activating the lock, not for programming.
6-4 User Codes must be 4-10 digits in length.
6-5 User Code can be deleted or changed anytime if needed.

7.Delete Individual User Code

7.1 User Codes can be deleted individually. You may reuse a User Code even if it was deleted before.

8.Delete All User Codes At Once

8-1 All User Codes can be deleted at once. You can still reuse the same codes even if they were deleted before.
8-2 Auto-locking and Keypad locking functionality will be invalid after deleting all User Codes and the lock can only be operated by the key override. All the electrical functions will be restored after creating new User Codes.

9.Temporarily Disable All User Codes

9-1 User Codes can be temporarily disabled. The lock can only be operated by the key override during that time.
9-2 Repeat the programming steps again to restore the User Codes.

10.Create a One-Time User Code

10-1 One-Time User Codes can be programmed into the lock.
These are codes that can be used, you guessed it, one time and then they are no longer valid.
10-2 You can reset the same One-Time code after it was used.

11.Restore Preset Factory Codes

11-1 You can restore the lock to the factory default codes by pressing the "R" button on the interior receiver module below the batteries if you forget the Programming Code or you want to cancel all previous settings.
11-2 After resetting, the Programming Code will be 0000 and the User Code will be 1234 again.

12.Unlocking the Door

12-1 The door can be unlocked by key override or entering a User Code on the keypad from the outside or by the interior turn-piece from the inside.
12-2 To unlock the door on the keypad, enter the User Code and then press the Programming/Enter "LockState" button.

13.Locking the Door

The door can be locked by key override or by pressing the Programming/Enter "LockState" button on the keypad from outside or by the interior turn-piece from the inside.

14.Incomplete Door Closing / Opening

14-1 If the latch bolt is not extended/retracted completely when it's locked/unlocked by the keypad, you'll see the LED flash red 3 times and hear 3 beeps (No beeps when mute is on). You will then need to enter the User Code to unlock the door to fully retract the bolt and then press the Programming/Enter "LockState" button to lock the door again.
14-2 If the latch bolt gets stuck or can"t extend/retract completely all the time, please check if the strike aligns with the latch bolt perfectly and adjust the strike to the proper position. After a long period of use, the latch bolt might get stuck if the door becomes misaligned.

15.To Activate / Deactivate Auto-Locking Function

15-1 The door will automatically lock itself within 10~99 seconds when this function is activated.
15-2 This function is NOT preset default; it can be set if needed.
15-3 The preset delay-time is 30 seconds; you can adjust this period if desired.
15-4 Repeat the same programming steps to cancel Auto-Locking function if needed.
15-5 The system will beep twice if the latch bolt gets stuck or is not extended/retracted completely. If this occurs you will need to enter the User Code again to retract the bolt completely. The auto-locking function will then be restored.

16.Toggle Mute On/Off

16-1 You will hear beep sounds when pressing the keypad, programming or after incorrect entries. The sound can be turned off if needed.
16-2 LED Illumination will still functioning when mute is enabled. Because you will not hear any alarms for low battery indication or incorrect entries, we suggest not enabling mute if its not necessary.
16-3 The motor sound cannot be muted.

17.Code Protection Function

The lock will go into lockout mode after 5 incorrect User Code entries in a row. Lockout mode will expire after 45 sec.

18.Illumination

The LED Keypad will light up when pressing any button for ease of use in the dark.

■ User Code & Function Set up

1. Keep the lock in the unlocked position while programming.
2. Please run the door-handling identifying process (Refer to programming table) before function setup when first installing or restoring default settings.
3. Please change default Programming Code (0000) and User Code (1234) when setting up for the first time.
4. While programming, LED will flash orange slowly. Upon a correct input, the LED flashes green twice with 2 long beeps. LED flashes red 3 times with 3 beeps on an incorrect input. (If a mistake is made during programming, wait for 6 seconds or press programming button to clear, then program again.)
5. Do not pause longer than 6 seconds while programming or you will need to start again.
6. You can lock/unlock the lock by either an override key or pass code. Please refer to the following programming table for function set up.

■ Remark

1. For best results, we recommend the use of alkaline batteries in order to stabilize the power supply.
2. Do not mix alkaline batteries with regular zinc-carbon, nor should you mix brands.
3. Do not use any chemical liquid or lubricating oil with additives to clean the lock body, it will damage the surface or even pcb.

■ Function Programming

Programming Code (PC)
USER Code (UC)

Detect Left / Right Hand Door Installation

Enter PC ➡ LOCKSTATE ➡ 0 ➡ LOCKSTATE

Remark : Before running this program, ensure that the lock is in the unlocked position (deadbolt not extended). Please run the door-handing identifying process before programming the lock for the first time or if default settings are restored.

Add New User Code

Enter PC ➡ LOCKSTATE ➡ 1 ➡ LOCKSTATE ➡ Enter New UC ➡ LOCKSTATE

Remark :
Up to 6 sets of User Code can be saved. User Code should be 4-10 digits in length.

Delete An Existing User Code

Enter PC ➡ LOCKSTATE ➡ 2 ➡ LOCKSTATE ➡ Enter the UC you want to delete ➡ LOCKSTATE

Delete All User Code At once

Enter PC ➡ LOCKSTATE ➡ 3 ➡ LOCKSTATE

Remark : Auto-locking and Keypad unlocking functionality will be invalid after all User Codes are deleted. The lock can only be operated by key after this function is entered.

Change Programming Code

Enter PC ➡ LOCKSTATE ➡ 4 ➡ LOCKSTATE ➡ Enter New PC ➡ LOCKSTATE

Toggle Autolock On/Off

Enter PC ➡ LOCKSTATE ➡ 5 ➡ LOCKSTATE

Remark : The preset delay-time is 30 seconds. You can change the time to anything between 10 – 99 seconds. Repeat the steps to cancel the Auto-locking function.

Programming Code (PC)

USER Code (UC)

Set Autolock Time Delay

Enter PC ➡ LOCKSTATE® ➡ 6 ➡ LOCKSTATE® ➡ Enter Seconds (10~99) ➡ LOCKSTATE®

Remark : 10-99 seconds delay-time available.

Toggle Mute On/Off

Enter PC ➡ LOCKSTATE® ➡ 7 ➡ LOCKSTATE®

Remark : Repeat same steps to turn beeper On/Off.
LED illumination will still function when mute is On. There will be no low-battery warning alarm.

Enable/Disable All User Code

Enter PC ➡ LOCKSTATE® ➡ 8 ➡ LOCKSTATE®

Remark : Auto-locking and Keypad unlocking functionality will be invalid after all User Codes are deleted. The lock can only be operated by key after this function is entered. Repeat the steps to enable the User Codes again.

Create a One-Time User Code

Enter PC ➡ LOCKSTATE® ➡ 9 ➡ LOCKSTATE® ➡ Enter new disposable UC ➡ LOCKSTATE®

Remark : One-Time code will no longer be valid once being used.

Restore all preset lock settings

Press (R)

Remark : Press the "R" button under the battery cover with a ball point pen for over 5 seconds.
After you hear 3 long beeps, the lock will reset to factory default settings.
After resetting, you must run the door-hand identifying process before re-programming.

■ Simple Troubleshooting

Situation 1

After the installation of the lockset and batteries, the door will not lock and three short beeps are heard when you press the Programming button.

Causes : The door-handing indentifying process is not yet complete.

Solutions : Please execute the door-handing indentifying process as soon as the installation of the lockset is completed.

Situation 2

After the installation of the lockset and batteries, there is no response when you press any button (no sounds are heard, and the backlight does not work).

Causes : It could be a problem caused by the batteries or improper connection of the cable.

Solutions : Check to see if the battery polarities have been reversed or if the batteries are dead. If so, please re-install or change the battery.
If not, please check if the cable is properly connected.

Situation 3

Failure the first time when executing the door-handing indentifying process (the red light flashes three times, and three short beeps are heard).

Causes : Wrong door-handing or the door-handing in the memory was changed.

Solutions : Press the "R" button to restore the system to factory default setting and re-execute door-handing indentifying process.

Situation 4

Although the first execution of the door-handing process succeeded the latch does not work.
(It seems that the motor runs but the latch bolt is stuck, and the turn-piece inside cannot be rotated.)

Causes : Low battery.Solutions : Please replace with new batteries.

Situation 5

The lock has been functioning normally, but suddenly the latch bolt locks up, and the turn piece inside cannot be rotated, not even with the key.

Causes : The detection of latch bolt position is abnormal.

Solutions : Please take out one battery first, then press any button on the front panel for electric discharge, and put the battery back.
The latch bolt will automatically re-detect its position.

warning : If the latch gets stuck frequently, please check if the opening of the strike aims at the central position of the latch bolt, if the latch bolt can extend freely, or if the hinges are deformed or tilted.

Situation 6

The door can be locked normally, but three short beeps are heard and the door would not unlock when the user code was entered and the programming button is pressed.

Causes : The functioning of the micro-switch is abnormal.

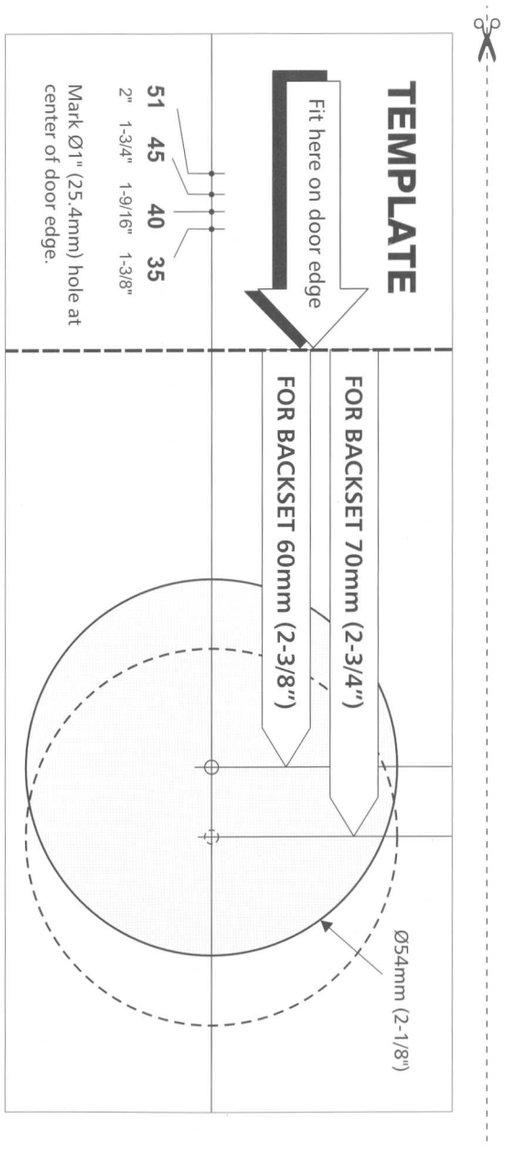
Solutions : Please unlock the door with the keys first and then contact the distributor for inspection and maintenance.

Situation 7

While the door is closed, you hear the latch bolt coming out when you press the programming button to lock the door; however, three short beeps are heard. Conversely, while the door is open, no beeps are heard when locking the latch bolt.

Causes : (1)The depth of the latch bolt hole is insufficient.
(2)The latch bolt is not aimed at the opening of the strike.

Solutions : (1)Please dig the latch bolt hole for the strike deeper (min. depth of 2.5 cm).
(2)Please adjust the strike to the appropriate position.



Limited Warranty Statements

1. Warranty

Lockstate warrants this Product to be free from defects in material and workmanship for a period of twelve months from the original date of purchase. If you discover a defect in the Product covered by this warranty, we will repair or replace the item at our option using new or refurbished components.

2. Exclusions

This warranty covers defects in manufacturing discovered while using the Products as recommended by LockState. This warranty does not cover any damage caused by misuse, abuse, or unauthorized modification.

3. Limited of Liability

LockState will not be held liable for incidental or consequential losses or damages due to any act of God.

4. Reminder

Performance under this warranty is subject to the presentation of this Warranty Card to your distributor where you purchase the product. The Warranty Card will not be reissued if lost.

Product : KEYPAD ELECTRONIC DEADBOLT LOCK

Purchase Date :

LockState

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